© 2004 Contact Lens Association of Ophthalmologists, Inc.

Author Index—Volume 30

Adam, Y.S., 6
Ambroziak, A.M., 59, 63
Asbell, P., 166, 234
Awwad, S.T., 169

Barr, J., 230, 247
Becherer, D., 207
Bergmanson, J.P.G., 132
Bilgin, L.K., 6
Bindal, S., 79
Biser, S.A., 14, 69, 85
Boehnke, M., 127
Bowman, R.W., 49
Braswell, G.R., 10
Bugde, A.C., 90
Burton, B.J.L., 87

Cadez, R., 127
Campbell, M., 159
Caroline, P., 211
Cavanagh, D., 1, 49, 90, 119, 169, 173, 180, 218, 265
Cerviño, A., 74
Collins, M.J., 111
Conger, D., 169

Dannelly, H.K., 163
Dantas, P.E.C., 40
Davis, J., 2
Deitz, D., 122
Delval, L., 34
Donnenfeld, E.D., 14, 69, 85, 156
Donsoff, I., 81
Doshi, S.J., 14, 69, 85
Doughman, D., 219, 263
Doughty, M.J., 132
Doyle, S., 144
Driebe, W.T., Jr., 31

Edmonds, C.R., 54
Efron, N., 99
El-Agha, M.-S.H., 49
Enzenauer, R.W., 159
Eschmann, R., 127

Favetta, J.R., 10
Fernando, A.I., 87
Firouzabadi, M.R., 68
Fonn, D., 189, 218
Frueh, B.E., 127
Fulcher, S.F.A., 2

Gaume, A.L., 132
Giraldez, M.J., 74
Glavas, I.P., 81
Gözüm, N., 6
Guillon, M., 34

Haddad, W., 169
Haji, S., 166
Hernandez-Illas, M., 2
Holden, B., 244, 266
Husz, M.J., 54
Hwang, T.S., 42
Hyon, J.Y., 42

Ilyas, H., 10

Jatla, K.K., 159
Jester, J.V., 90, 173
Jones, L.W., 25
Joslin, C., 186
Jundt, J.W., 2

Kaiura, T.L., 120
Karlgard, C.C.S., 25
Kim, A.S., 90
Kim, M.K., 20
Koffler, B., 223, 242
Koplin, R.S., 120
Kovoor, T.A., 90

Ladage, P.M., 173, 194
Lass, J.H., 105
Leach, N.E., 132
Lee, C.C., 85
Lee, J.L., 20
Levinson, D.H., 14
Lim, L., 103
Lingelbach, B., 111
Lipson, M., 214
Lipton, E.J., 120
Little, S.A., 99
Little, T., 159
Lowe, R., 238

Maissa, C., 34
Maldonado-Codina, C., 44
Matsubara, K., 95
Matsubara, M., 198
McCulley, J.P., 49, 90
McDonald, J.E., II, 122
McMahon, T.T., 105
McMonnies, C.W., 147
Mertins, A., 122
Mihora, L.D., 159
Miller, W.L., 132
Moresoli, C., 25
Morgan, P.B., 99
Morgan, S.L., 99

Nakao, M., 95
Narayanan, S., 132
Nishiwaki-Dantas, M.C., 40
Nomura, K., 95

O'Brien, T.P., 42
O'Donnell, C., 44, 144
Odufuwa, T.O., 87
Oral, D., 49

Parafita, M., 74
Parmar, D., 169
Patel, S., 81
Pemberton, B., 54
Pence, N., 138
Pérez, J.G., 74
Perry, H.D., 14, 69, 85, 156
Petroll, W.M., 90, 173
Pflugfelder, S.C., 2
Potapova, N., 166
Pouliquen, P., 34

Rah, M., 231
Rahim, A., 159
Reinhart, W.J., 105
Reviglio, V.E., 42
Rhee, M.K., 120
Riley, C., 138
Ritterband, D.C., 120
Robertson, D.M., 173
Romero, J.M., 14
Ruskin, M.S., 69

Sakamoto, R., 252
Sarra, G.-M., 127
Schulman, M., 10
Seedor, J.A., 120
Seward, M.S., 49
Slonim, C.B., 10
Solomon, R., 85, 156
Song, J.K., 42
Soni, S., 254
Spahr, H.T., 42
Sridhar, M.S., 79
Stein, J., 156
Stenson, S., 81
Stiegemeier, M.J., 105
Sugar, J., 105
Swarbrick, H., 181, 205
Szaflik, Jacek, 59, 63
Szaflik, Jerzy P., 59, 63
Szczotka-Flynn, L., 105

Terraciano, A., 14
Thimons, J., 156
Tozman, E., 2
Tran, A., 132
Trittibach, P., 127

Voetz, S.C., 111
Vogt, U., 87

Walline, J., 227
Wang, G., 166
Wang, M.X., 169
Wang, X., 68
Waworuntu, R.V., 163
Wei, R.H., 103
Weissman, B.A., 105
Welham, L., 144
Wietharn, B.E., 31
Wung, S-F., 54

Yamamoto, N., 173
Yebra-Pimentel, E., 74
Yeniad, B., 6

© 2004 Contact Lens Association of Ophthalmologists, Inc.

Author Index—Volume 30

Adam, Y.S., 6
Ambroziak, A.M., 59, 63
Asbell, P., 166, 234
Awwad, S.T., 169

Barr, J., 230, 247
Becherer, D., 207
Bergmanson, J.P.G., 132
Bilgin, L.K., 6
Bindal, S., 79
Biser, S.A., 14, 69, 85
Boehnke, M., 127
Bowman, R.W., 49
Braswell, G.R., 10
Bugde, A.C., 90
Burton, B.J.L., 87

Cadez, R., 127
Campbell, M., 159
Caroline, P., 211
Cavanagh, D., 1, 49, 90, 119, 169, 173, 180, 218, 265
Cerviño, A., 74
Collins, M.J., 111
Conger, D., 169

Dannelly, H.K., 163
Dantas, P.E.C., 40
Davis, J., 2
Deitz, D., 122
Delval, L., 34
Donnenfeld, E.D., 14, 69, 85, 156
Donsoff, I., 81
Doshi, S.J., 14, 69, 85
Doughman, D., 219, 263
Doughty, M.J., 132
Doyle, S., 144
Driebe, W.T., Jr., 31

Edmonds, C.R., 54
Efron, N., 99
El-Agha, M.-S.H., 49
Enzenauer, R.W., 159
Eschmann, R., 127

Favetta, J.R., 10
Fernando, A.I., 87
Firouzabadi, M.R., 68
Fonn, D., 189, 218
Frueh, B.E., 127
Fulcher, S.F.A., 2

Gaume, A.L., 132
Giraldez, M.J., 74
Glavas, I.P., 81
Gözüm, N., 6
Guillon, M., 34

Haddad, W., 169
Haji, S., 166
Hernandez-Illas, M., 2
Holden, B., 244, 266
Husz, M.J., 54
Hwang, T.S., 42
Hyon, J.Y., 42

Ilyas, H., 10

Jatla, K.K., 159
Jester, J.V., 90, 173
Jones, L.W., 25
Joslin, C., 186
Jundt, J.W., 2

Kaiura, T.L., 120
Karlgard, C.C.S., 25
Kim, A.S., 90
Kim, M.K., 20
Koffler, B., 223, 242
Koplin, R.S., 120
Kovoor, T.A., 90

Ladage, P.M., 173, 194
Lass, J.H., 105
Leach, N.E., 132
Lee, C.C., 85
Lee, J.L., 20
Levinson, D.H., 14
Lim, L., 103
Lingelbach, B., 111
Lipson, M., 214
Lipton, E.J., 120
Little, S.A., 99
Little, T., 159
Lowe, R., 238

Maissa, C., 34
Maldonado-Codina, C., 44
Matsubara, K., 95
Matsubara, M., 198
McCulley, J.P., 49, 90
McDonald, J.E., II, 122
McMahon, T.T., 105
McMonnies, C.W., 147
Mertins, A., 122
Mihora, L.D., 159
Miller, W.L., 132
Moresoli, C., 25
Morgan, P.B., 99
Morgan, S.L., 99

Nakao, M., 95
Narayanan, S., 132
Nishiwaki-Dantas, M.C., 40
Nomura, K., 95

O'Brien, T.P., 42
O'Donnell, C., 44, 144
Odufuwa, T.O., 87
Oral, D., 49

Parafita, M., 74
Parmar, D., 169
Patel, S., 81
Pemberton, B., 54
Pence, N., 138
Pérez, J.G., 74
Perry, H.D., 14, 69, 85, 156
Petroll, W.M., 90, 173
Pflugfelder, S.C., 2
Potapova, N., 166
Pouliquen, P., 34

Rah, M., 231
Rahim, A., 159
Reinhart, W.J., 105
Reviglio, V.E., 42
Rhee, M.K., 120
Riley, C., 138
Ritterband, D.C., 120
Robertson, D.M., 173
Romero, J.M., 14
Ruskin, M.S., 69

Sakamoto, R., 252
Sarra, G.-M., 127
Schulman, M., 10
Seedor, J.A., 120
Seward, M.S., 49
Slonim, C.B., 10
Solomon, R., 85, 156
Song, J.K., 42
Soni, S., 254
Spahr, H.T., 42
Sridhar, M.S., 79
Stein, J., 156
Stenson, S., 81
Stiegemeier, M.J., 105
Sugar, J., 105
Swarbrick, H., 181, 205
Szaflik, Jacek, 59, 63
Szaflik, Jerzy P., 59, 63
Szczotka-Flynn, L., 105

Terraciano, A., 14
Thimons, J., 156
Tozman, E., 2
Tran, A., 132
Trittibach, P., 127

Voetz, S.C., 111
Vogt, U., 87

Walline, J., 227
Wang, G., 166
Wang, M.X., 169
Wang, X., 68
Waworuntu, R.V., 163
Wei, R.H., 103
Weissman, B.A., 105
Welham, L., 144
Wietharn, B.E., 31
Wung, S-F., 54

Yamamoto, N., 173
Yebra-Pimentel, E., 74
Yeniad, B., 6

© 2004 Contact Lens Association of Ophthalmologists, Inc.

Subject Index—Volume 30

Aberrometry, corneal, 186
Acanthamoeba
  keratitis from
    in corneal reshaping, case reports, 231, 242
    LASIK after, case report, 103
  PuriLens cleaning unit against, 42
ACUVUE lens, dehydration in controlled environment, 99
Allergic conjunctivitis, loteprednol etabonate long-term safety for, 10
Aphakia, contact lens prescribing for, in specialist clinic, 87
Apical clearance/apical support, in contact lens keratoconus fittings, case report, 147
Apical radius, in corneal refractive therapy, 238, 242
Astigmatism, corneal, after penetrating keratoplasty for keratoconus, case reports, 105

Bandage lenses
  in bullous keratopathy, 63
  frequency of use, 25
  after LASIK surgery, 59
Benzalkonium chloride solution, corneal effects of, 90
Bullous keratopathy, lotrafilcon A soft contact lens in, 63

Candida parapsilosis keratitis, after post-LASIK epithelial ingrowth, 85
Cataract, after wearing contact lenses soaked in steroid solution, case report, 79
Children, corneal refractive therapy in, myopia progression study design issues in, 227, 230
Computer visual syndrome, in contact lens wearers, povidone eyedrops for, 34
Conjunctivitis, allergic, loteprednol etabonate long-term safety for, 10
Contact lenses
  bandage
    in bullous keratopathy, 63
    frequency of use, 25
    after LASIK surgery, 59
  computer visual syndrome and, povidone eyedrops for, 34
  corneal endothelial cell count after wearing, in keratoconus, 54
  corneal reshaping. See also Corneal refractive therapy; Orthokeratology
    adverse effects of, case reports, 231, 242
    corneal changes under, 211, 218
    corneal histologic and histochemical changes produced by, 198, 205, 218
    overnight *vs.* soft daily wear, 214
  disinfectant effectiveness after lens storage, 163
  dry eye and
    lifestyle and corneal neovascularization in, 95
    povidone eyedrops for, 34
  fitting of
    in keratoconus, apical clearance and apical support in, case report, 147
    after penetrating keratoplasty, 31
  for keratectasia after LASIK, case report, 144
  long-term wearers of, stromal microdot corneal degeneration in, 127
  multicurve, for keratoconus, 20
  opaque-tinted, corneal topography and vision recovery after wearing, 111
  overnight wearing of corneal epithelial thickness after, 189, 194, 205
  after discontinuing reverse-geometry lenses, 254, 263
  in pharmacologically induced keratoshaping, 122
  piggyback, for keratoconus, case report, 44
  prescribing in specialist clinic, 87
  PuriLens cleaning unit for, disinfection of *Acanthamoeba* by, 42
  reverse-geometry, discontinuation of, refractive and corneal recovery after, 254, 263
  rigid gas-permeable, corneal refractive therapy results using, 252, 263
  silicone hydrogel
    as bandage lenses, 25, 59, 63
    in bullous keratopathy, 63
    continuous wear, corneal thickness and, 6
    corneal refractive therapy results using, 252, 263
    dehydration in controlled environment, 99
    after LASIK surgery, 59
    therapeutic uses of, 63
  soaking in steroid solution, cataract and glaucoma after, case report, 79
  soft
    overnight *vs.*, in corneal refractive therapy, 214
    subepithelial intracorneal hemorrhage with, case report, 120
  sunglasses and photochromic lens-wearing patterns and, 81
  tear volume and fluid osmolality and, 132
Cornea
  aberrometry of, 186
  curvature of, after discontinuation of reverse-geometry lenses, 254, 263
  eccentricity of, in corneal refractive therapy, 238, 242
  endothelial cell count in, after contact lens wear, in keratoconus, 54
  histologic and histochemical changes in, by orthokeratology lens, 198, 205, 218
  melting, gene therapy and (editorial), 1
  microdot degeneration of, in long-term contact lens wearers, 127
  neovascularization of, in contact lens wearers, eye dryness and lifestyle factors in, 95
  overnight reshaping of, endothelial response to, 207
  perforation of acute hydrops, in keratoconus, case report, 40
  Pseudomonas aeruginosa binding to, after orthokeratology lens wear, 173
  stromal gatifloxacin crystal deposits in, after penetrating keratoplasty, case reports, 169
  subepithelial hemorrhage in, in soft contact lens wearer, case report, 120
  surface of, corneal refractive therapy and, 236, 242
  thickness of
    continuous wear silicone hydrogel contact lenses and, 6
    after discontinuation of reverse-geometry lenses, 254, 263
    after overnight corneal refractive therapy, 189, 194, 205
    videokeratography precision in determining, 238, 242
  topical ophthalmic fluoroquinolone effects on, 90
  topography of
    in corneal refractive therapy, 186
      one-month follow-up of, 166
    measuring with EyeSys and Orbscan, accuracy and precision of, 74
    recovery after opaque-tinted contact lens wear, 111

Corneal astigmatism, after penetrating keratoplasty for keratoconus, case reports, 105
Corneal opacity, lamellar keratectomy for, automated microkeratome in, 59
Corneal refractive therapy. See also *Orthokeratology*
  in children, myopia progression study design issues in, 227, 230
  corneal surface and, 236, 242
  corneal topography in, one-month follow-up of, 166
  effectiveness of, 219, 223
  future directions in, 265, 266
  histologic and histochemical changes produced by, 198, 205, 218
  for myopia, 244, 263
  overnight
    corneal and epithelial changes after, 189, 194, 205
    visual acuity after, 238, 242
  refractive error after
    higher Dk materials and, 252, 263
    recovery of, 247, 263
  safety and effectiveness of, 219
  uncorrected visual acuity and E values in, 238, 242
  vision quality in, 234, 238, 242
  whole eye wavefront analysis in, 186
Corneal transplant, penetrating keratoplasty for, fitting contact lenses after, 31
Corneal ulcer, Etanercept for, case reports, 2

Dehydration, of hydrogel contact lens, in controlled environment, 99
Demographics, in vision correction methods, 138
Disinfection, PuriLens cleaning unit for, against *Acanthamoeba*, 42
Dry eye, contact lens wear and
  lifestyle factors and corneal neovascularization in, 95
  povidone eyedrops for, 34

E value, in corneal refractive therapy, 238, 242
Editorials, 1, 119
Endothelial cell count, corneal, after contact lens wear, in keratoconus, 54
Endothelium, corneal, response to overnight reshaping, 207
Epithelial ingrowth, after LASIK, *Candida parapsilosis* keratitis after, 85
Epithelium, corneal, thickness of, after overnight corneal refractive therapy, 189, 194, 205
Etanercept, for scleritis and corneal ulcer, case reports, 2
Eyedrops, povidone, for computer visual syndrome in contact lens wearers, 34
Eyelid soak, for meibomian gland dysfunction, 14
EyeSys, accuracy and precision of, 74

Fluoroquinolones, topical ophthalmic, corneal effects of, 90
Fusarium solani, disinfectant effectiveness against, after contact lens storage, 163

Gatifloxacin solution
  corneal effects of, 90
  corneal intrastromal crystal deposits of, after penetrating keratoplasty, case reports, 169
Gene therapy, for red eyes (editorial), 1
Glaucoma, after wearing contact lenses soaked in steroid solution, case report, 79

Hemorrhage, subepithelial intracorneal, in soft contact lens wearer, case report, 120
Hydrops, acute, corneal perforation of, in keratoconus, case report, 40
Hyper-Dk piggyback contact lenses, for keratoconus, case report, 44

Keratectasia, after LASIK, contact lens management of, case report, 144
Keratectomy
  hyperopic photoreactive, with mitomycin C for refractive error after penetrating keratoplasty for keratoconus, case report, 156
  lamellar, with automated microkeratome, 59
Keratitis
  Acanthamoeba, LASIK after, case report, 103
  Candida parapsilosis, after post-LASIK epithelial ingrowth, 85
  microbial, in corneal reshaping, 236, 242
    case reports, 231, 242
Keratoconus
  corneal endothelial cell count in, after contact lens wear, 54
  corneal perforation of acute hydrops in, case report, 40
  fittings for, apical clearance and apical support in, case report, 147
  hyper-Dk piggyback contact lens for, case report, 44
  multicurve lens for, 20
  penetrating keratoplasty for
    corneal astigmatism after, case reports, 105
    refractive error after, hyperopic photoreactive keratectomy with mitomycin C for, case report, 156
Keratopathy, bullous, lotrafilcon A soft contact lens in, 63
Keratoplasty, penetrating
  corneal intrastromal gatifloxacin crystal deposits after, case reports, 169
  fitting contact lenses after, 31
  for keratoconus
    corneal astigmatism after, case reports, 105
    refractive error after, hyperopic photoreactive keratectomy with mitomycin C for, case report, 156
Keratoshaping, pharmacologically induced, contact lenses in, 122

LADARVision, LASIK results using, 49
Lamellar keratectomy, with automated microkeratome, 59
LASIK
  after *Acanthamoeba* keratitis, case report, 103
  epithelial ingrowth after, *Candida parapsilosis* keratitis after, 85
  hyperoptic, LADARVision and Visx Star lasers for, 49
  keratectasia after, contact lens management of, case report, 144
  overcorrection in, pharmacologically induced keratoshaping after, contact lenses in, 122
  silicone hydrogel soft contact lens as bandage after, 59
Loteprednol etabonate, long-term safety of, 10
Lotrafilcon A soft contact lens
  as bandage after LASIK surgery, 59
  therapeutic uses of, 63

Meibomian gland dysfunction, conservative treatment of, 14
Microkeratome, automated, for lamellar keratectomy, 59
Mitomycin C, hyperopic photoreactive keratectomy with, for refractive error after penetrating keratoplasty for keratoconus, case report, 156
Myopia
  contact lens prescribing for, in specialist clinic, 87
  corneal refractive therapy for, 244, 263
Myopia progression study, in children, corneal refractive therapy in, study design issues in, 227, 230

Neovascularization, corneal, in contact lens wearers
  eye dryness and lifestyle factors in, 95
  subepithelial hemorrhage in, case report, 120
Nonsteroidal antiinflammatory drugs, keratoshaping induced by, after LASIK overcorrection, 122

Ofloxacin (Oflox) solution, corneal effects of, 90
Orbscan, accuracy and precision of, 74

Orthokeratology, 179. See also *Corneal refractive therapy*
(editorial), 119
adverse corneal events in, case reports, 231, 242
overnight, reverse-geometry lens discontinuation in, refractive and corneal recovery after, 254, 263
Pseudomonas aeruginosa corneal binding after, 173
what it is and how it works, 181
Orthokeratology lens, corneal histologic and histochemical changes produced by, 198, 205, 218

Photochromic lenses, usage patterns among contact lens wearers, 81
Piggyback contact lenses, for keratoconus, case report, 44
Povidone eyedrops, for computer visual syndrome in contact lens wearers, 34
Proclear lens, dehydration in controlled environment, 99
Pseudomonas aeruginosa
binding to cornea after orthokeratology lens wear, 173
disinfectant effectiveness against, after contact lens storage, 163
keratitis from
in corneal refractive therapy, 236, 242
in corneal reshaping, case reports, 231, 242
PuriLens cleaning unit against, 42
PuriLens cleaning unit, against acanthamoeba, 42

Red eye, melting corneas and gene therapy in (editorial), 1
Refractive error
after corneal refractive therapy
after discontinuation of reverse-geometry lenses, 254, 263
higher Dk materials and, 252, 263
recovery of, 247, 263
after penetrating keratoplasty for keratoconus, hyperopic photoreactive keratectomy with mitomycin C for, case report, 156
Refractive surgery, corneal refractive therapy as alternative to, safety of, 219

Scleritis, Etanercept for, case reports, 2
Silicone hydrogel contact lenses
as bandage lenses, 25, 63
in bullous keratopathy, 63
continuous wear, corneal thickness and, 6
corneal refractive therapy results using, 252, 263
dehydration in controlled environment, 99
after LASIK surgery, 59
therapeutic uses of, 63
Solutions
fluoroquinolone, corneal effects of, 90
gatifloxacin
corneal effects of, 90
corneal intrastromal crystal deposits of, after penetrating keratoplasty, case reports, 169
multipurpose cleaning, disinfectant effectiveness after contact lens storage, 163
steroid, contact lenses soaked in, cataract and glaucoma after, case report, 79
Staphylococcus aureus
disinfectant effectiveness against, after contact lens storage, 163
PuriLens cleaning unit against, 42
Steroid solution, contact lenses soaked in, cataract and glaucoma after, case report, 79
Stromal microdot degeneration, in long-term contact lens wearers, 127
Sunglasses, usage patterns among contact lens wearers, 81

Tear volume and fluid osmolality, in contact lens wearers and non-wearers, 132
Tumor necrosis factor receptor Fc fusion protein, for scleritis and corneal ulcer, 2

Ulcer, corneal, Etanercept for, case reports, 2

Videokeratography
EyeSys and Orbscan accuracy and precision in, 74
precision in determining corneal sagittal depth, 238, 242
Vision correction, forms of, demographics of, 138
Vision quality, in corneal refractive therapy, 234, 238, 242
Visx Star systems, LASIK results using, 49
Vitamin A deficiency, in Afghanistan, 159

Whole eye wavefront analysis, in corneal refractive therapy, 186